

CLAIMS

1. A holder device for manufacturing partial coatings on at least the burner (4) of a lamp bulb (3), comprising at least a retaining element, an adjustment element, and a screen element, wherein the device has a basic body (1) comprising at least one component, which body comprises
- 5       - at least a hollow space (12) in which a portion of the lamp bulb (3) that is not to be coated can be accommodated with clearance,
- at least a reference region (11) against which a region of the portion of the burner (4) that is not to be coated can be laid in a defined manner substantially without clearance, and
- 10       - at least a screen (5) that is connected to the basic body (1).
2. A holder device as claimed in claim 1, characterized in that the lamp bulb (3) can be positioned in a defined manner by means of matching shapes through the interaction of the clearance-free contact against the reference region (11) and the accommodation in the
- 15       hollow space (12) that takes place with clearance.
3. A holder device as claimed in claim 1, characterized in that the screen (5) is a wearing part.
- 20   4. A holder device as claimed in claim 1, characterized in that the basic body (1) has a first part (15) and a second part (16), said first part (15) comprising a hollow space (12) in which a portion of the lamp bulb (3) that is not to be coated can be accommodated with clearance, while the second part (16) has at least a reference region (11) against which a region of that part of the burner (4) that is not to be coated can be laid substantially without
- 25       clearance in a defined manner.
5. A holder device as claimed in claim 4, characterized in that a screen element is arranged at the first part (15) and/or at the second part (16) of the basic body (1).

6. A method of manufacturing partial coatings on lamp bulbs, wherein functional layers can be provided in a thin-film process with the use of a holder device (2) as claimed in one of the claims 1 to 5.

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7. A lamp bulb with a partial coating manufactured by a method as claimed in claim 6.

8. A lamp with a lamp bulb as claimed in claim 7.

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9. A projection system with at least a lamp as claimed in claim 8.